



\$2877 ✓

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Docket No. 1005-AGGUS3

LALIT K. AGGARWAL

Group Art Unit 2877

Appln. No. 09/701,195

Filed: November 27, 2000

For: **METHOD AND ASSOCIATED  
APPARATUS FOR THE  
STANDARDIZED GRADING  
OF GEMSTONES**

5/ Pre-  
Amend  
B  
G-Story  
7/18-01  
RECEIVED  
JUL 13 2001  
TECHNOLOGY CENTER 2800

**PRELIMINARY AMENDMENT**

Prior to the examination of the above-referenced patent application, please amend the application as follows:

**In the Claims**

Please cancel Claim 1 and add the following new claims.

30.(New) A method of analyzing incident and reflected light data for use in grading, testing, or identifying a gemstone, the method comprising the steps of:

placing a gemstone on a platform within an area substantially free of light;

positioning a light responsive element of an electronic imaging device so as to view the gemstone from different aspects thereof with said light responsive element;

illuminating the gemstone from said different aspects thereof using a light source;

capturing incident light data from the different aspects of the gemstone with the electronic imaging device and storing the light data as an image data set in a data processor having a storage device; and

analyzing the light data with a filter to detect the presence of treatments or to distinguish a synthetic or stimulant from a genuine gemstone.

31.(New) The method set forth in claim 30, wherein the analyzing step is

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PATENT TRANSMITTAL

Complete if known

Application Number 09/701,195

Filing Date November 27, 2000

First Named Inventor AGGARWAL, Lalit K.

Group Art Unit 2877

Examiner Name

Docket Number 1005-AGGUS3

TOT. AMT. OF PAYMENT: (1)+(2)+(3) = \$40.00

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to:

☐ Charge indicated fees

☒ Charge additional fees

☒ Credit overpayments

to the account of DANN, DORFMAN, HERRELL AND SKILLMAN

Deposit Account Number 04-1406

2. Payment enclosed:

Checks in the amount of \$ 40.00

Check Nos. \_\_\_\_\_

FEE CALCULATION

1. FILING FEE

Fee Description

Fee Paid

Utility filing fee

Design filing fee

Plant filing fee

Reissue filing fee

Provisional filing fee

SUBTOTAL (1) \$ \_\_\_\_\_

2. CLAIMS

Extra

Fee

Fee Paid

Total Claims

Presented 12 - 20 = 0 x 9.00 = 0.00  
(a)

Independent  
Claims

Presented 4 - 3 = 1 x 40.00 = 40.00  
(b)

Multiple Dependent Claim  
(first presentation)

(a) Enter 20 or number previously paid for

(b) Enter 3 or number previously paid for

SUBTOTAL (2) \$ 40.00

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Fee Description

Fee Paid

Surcharge-late filing fee or oath

Surcharge - late provisional filing fee or cover sheet

Non-English specification

For filing a request for reexamination

Requesting publication of SIR prior to Examiner action

Requesting publication of SIR after Examiner action

Extension for response within first month

Extension for response within second month

Extension for response within third month

Extension for response within fourth month

Notice of Appeal

Filing a brief in support of an appeal

Request for oral hearing

Petition to institute a public use proceeding

Petition to revive unavoidably abandoned application

Petition to revive unintentionally abandoned application

Issue fee

Petitions to the Commissioner

Petitions related to provisional applications

Submission of Information Disclosure Sumt.

Recording each patent assignment per property  
(times number of properties)

Filing a submission after final rejection (37 CFR 1.129(a))

For each additional invention to be examined (37 CFR 1.129(b))

Other fee (specify) Advance Order (10 copies)

Other fee (specify)

SUBTOTAL (3) \$ \_\_\_\_\_

Submitted By:

Typed or

Printed Name VINCENT T. PACE

Reg. Number 31,049

Signature Vincent T. Pace

Date July 5, 2001

Deposit Account User ID

04-1406